

Program EVALPLOT
(Version 2018-1)

by

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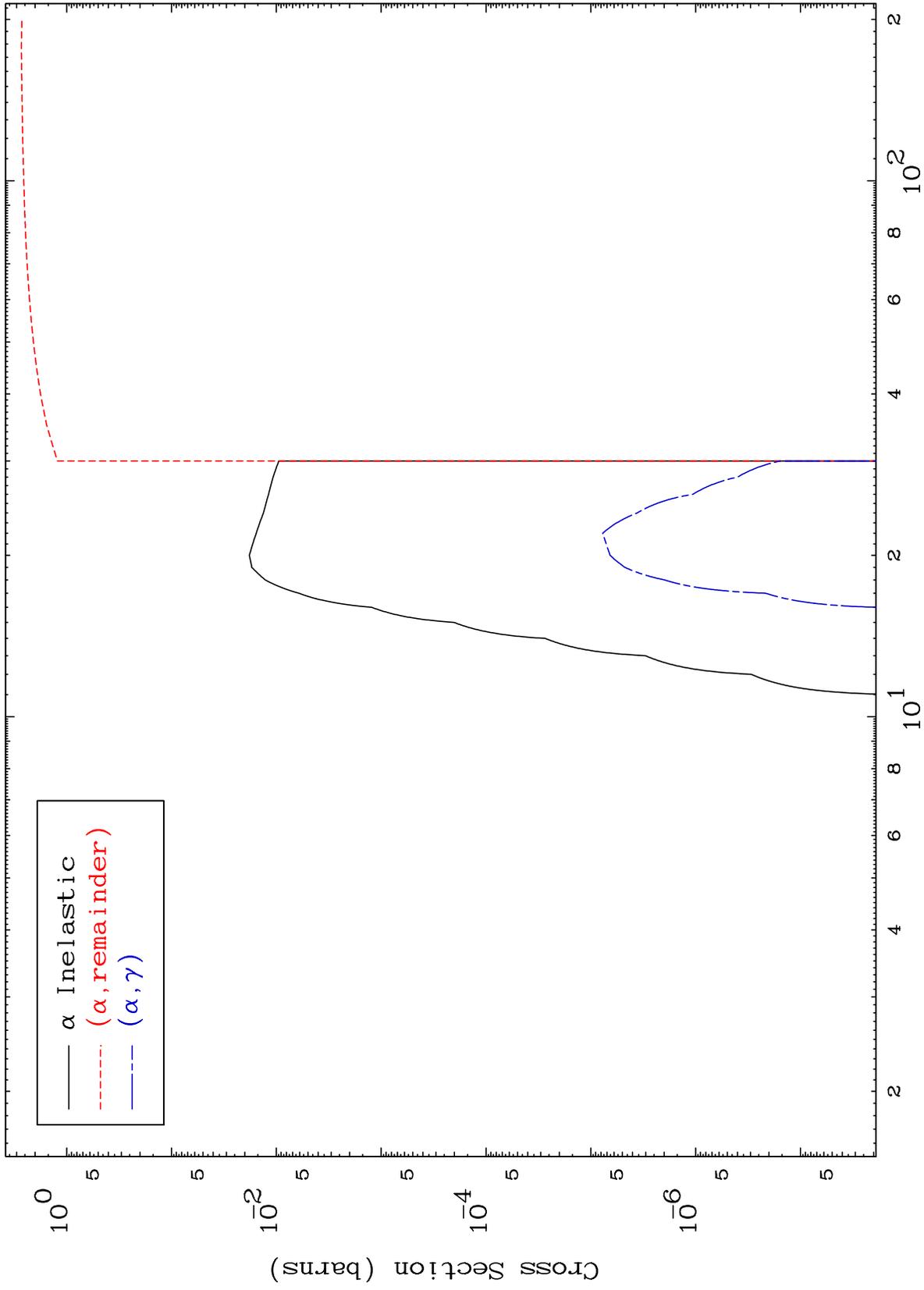
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7535

0 Kelvin α Major

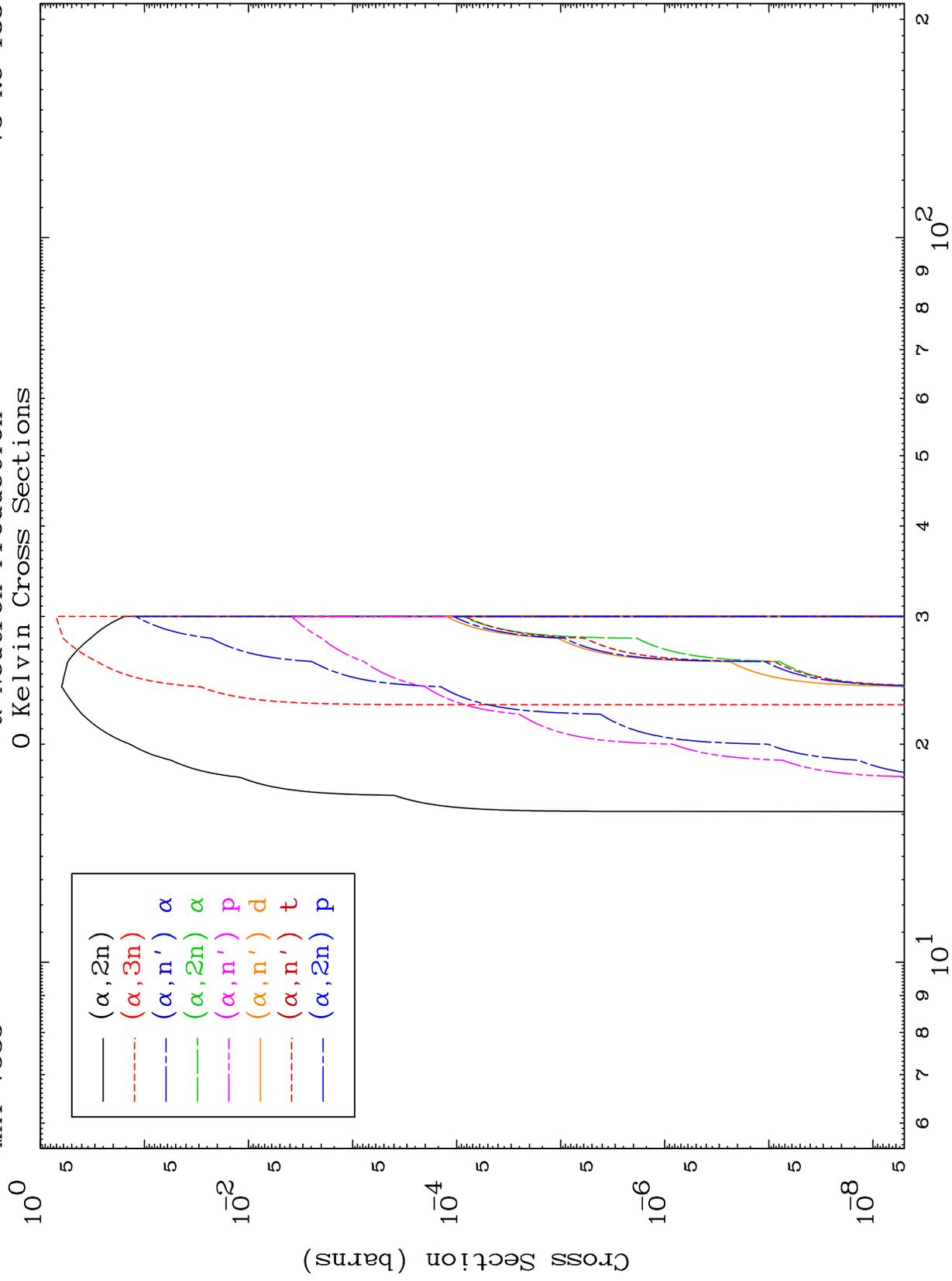
75-Re-188



MAT 7535

α Neutron Production
0 Kelvin Cross Sections

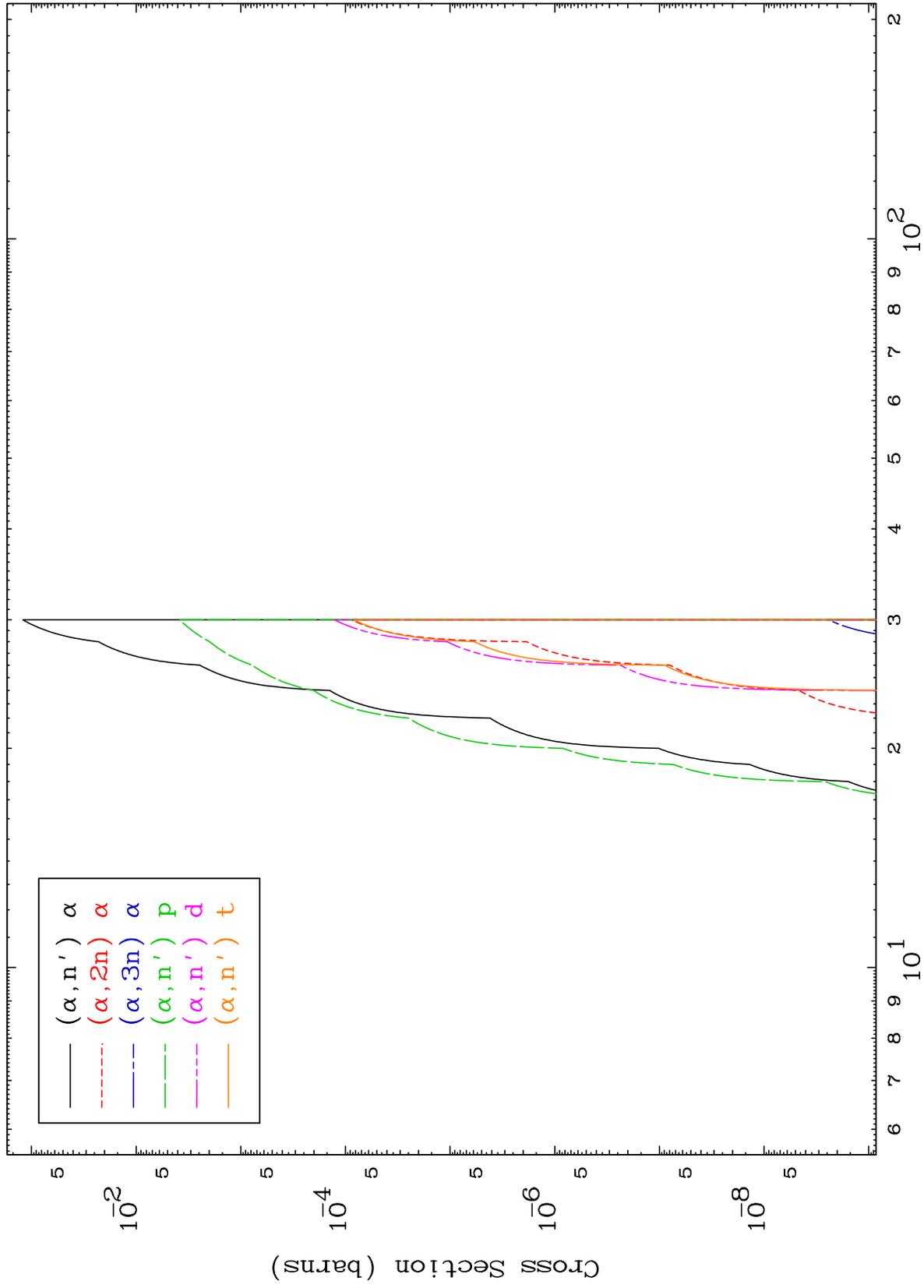
75-Re-188



2

Incident Energy (MeV)

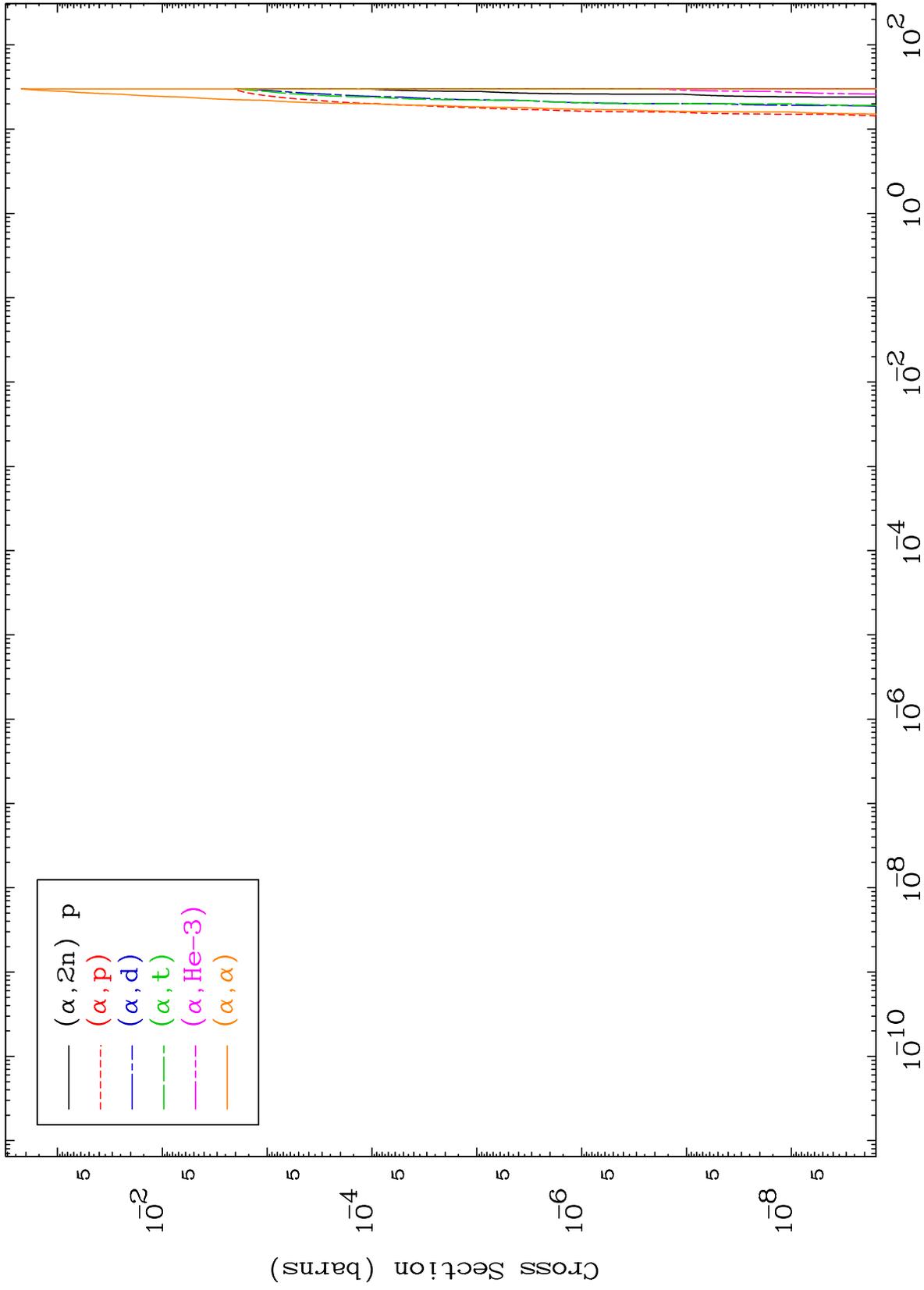
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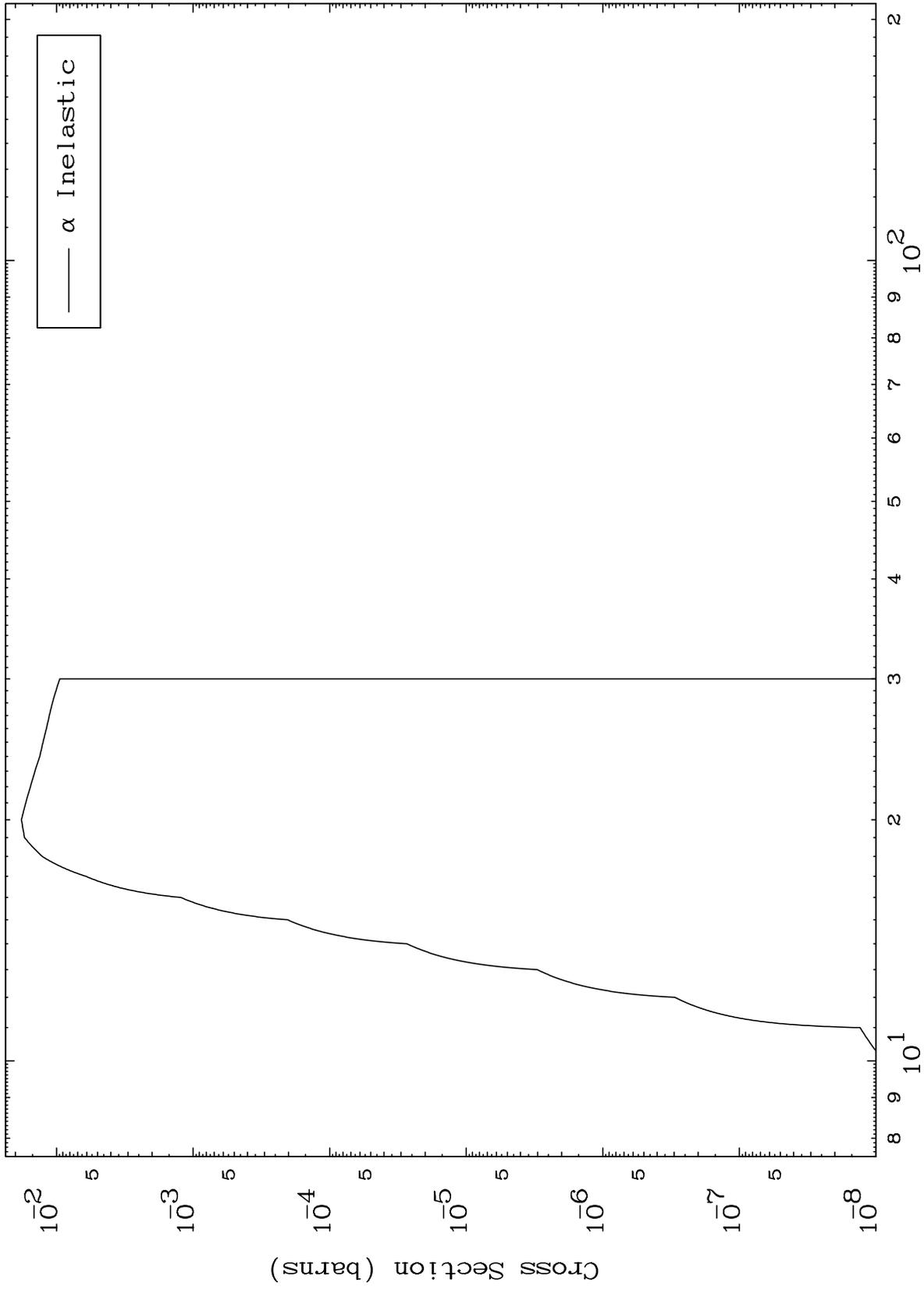
MAT 7535

α Charged Particle
0 Kelvin Cross Sections

75-Re-188



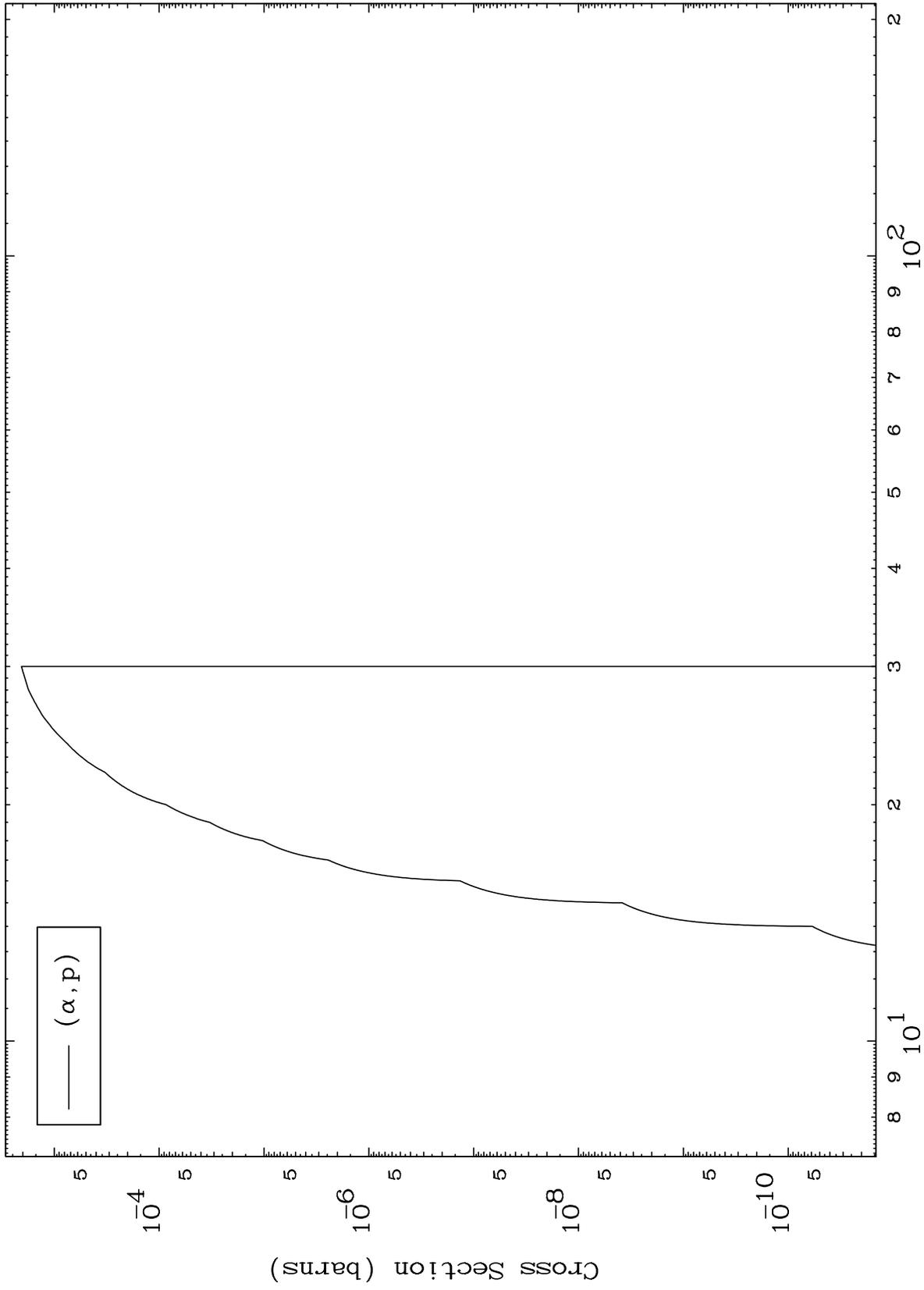
75-Re-188



MAT 7535

(α, p) Levels
0 Kelvin Cross Sections

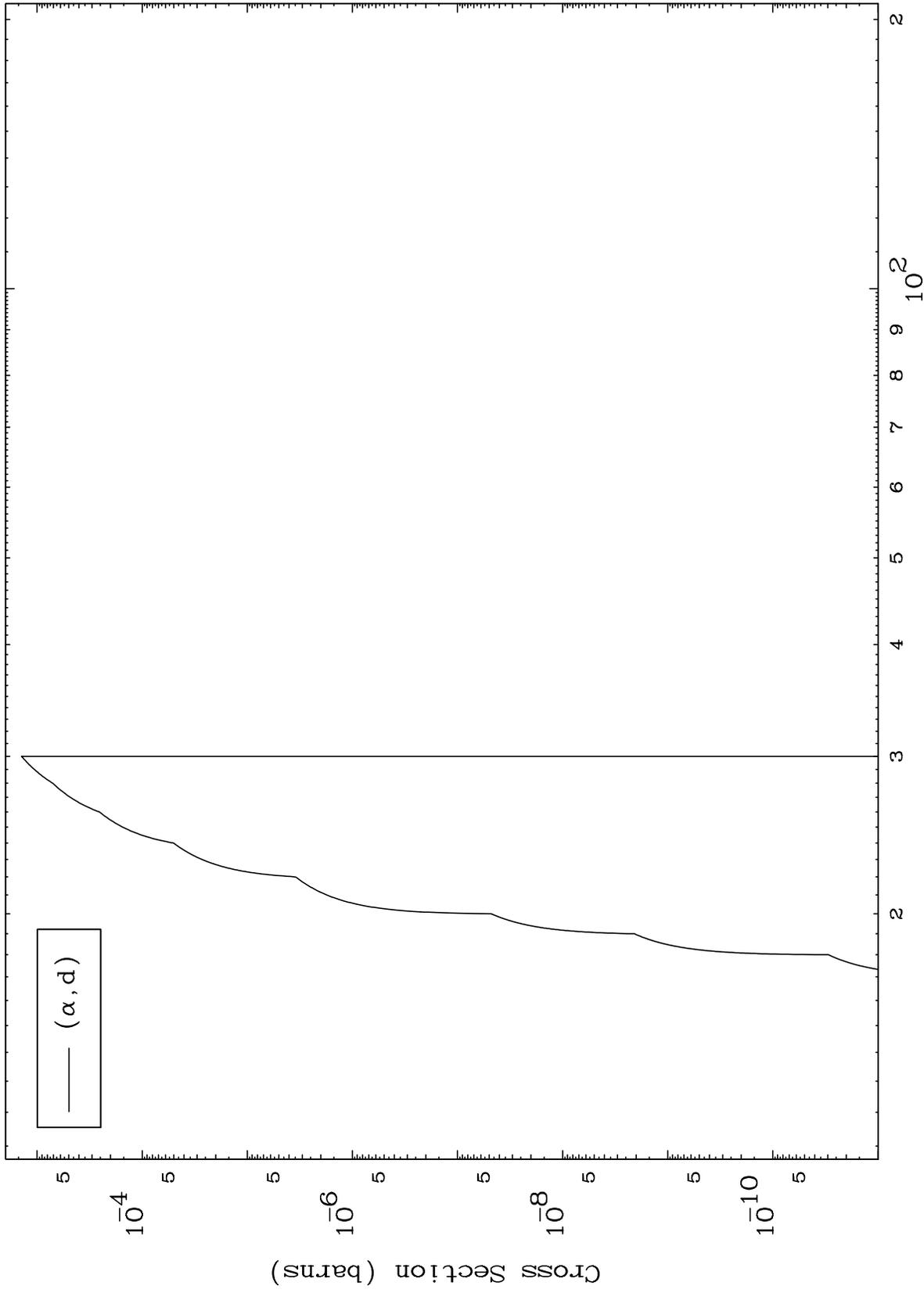
75-Re-188

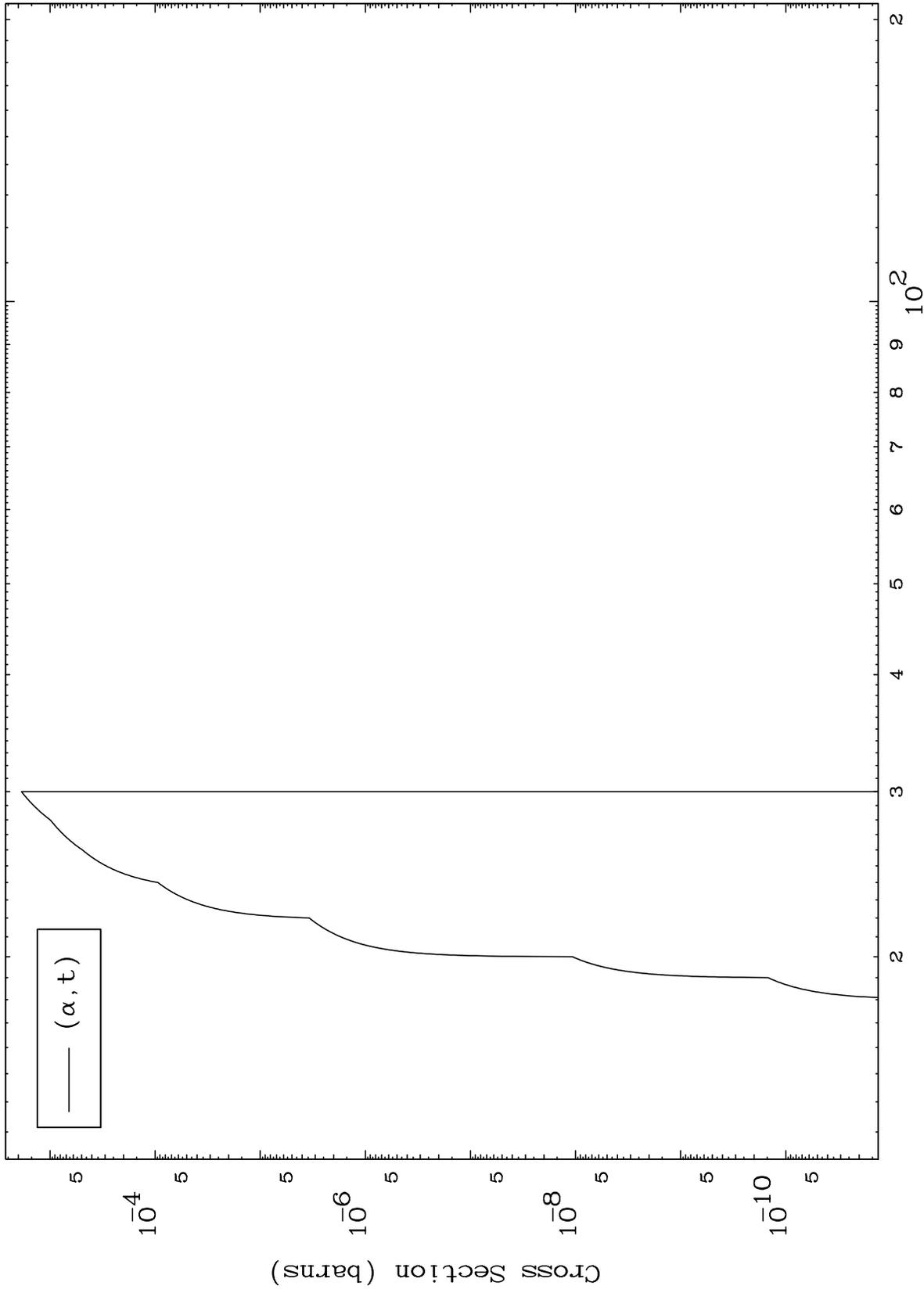


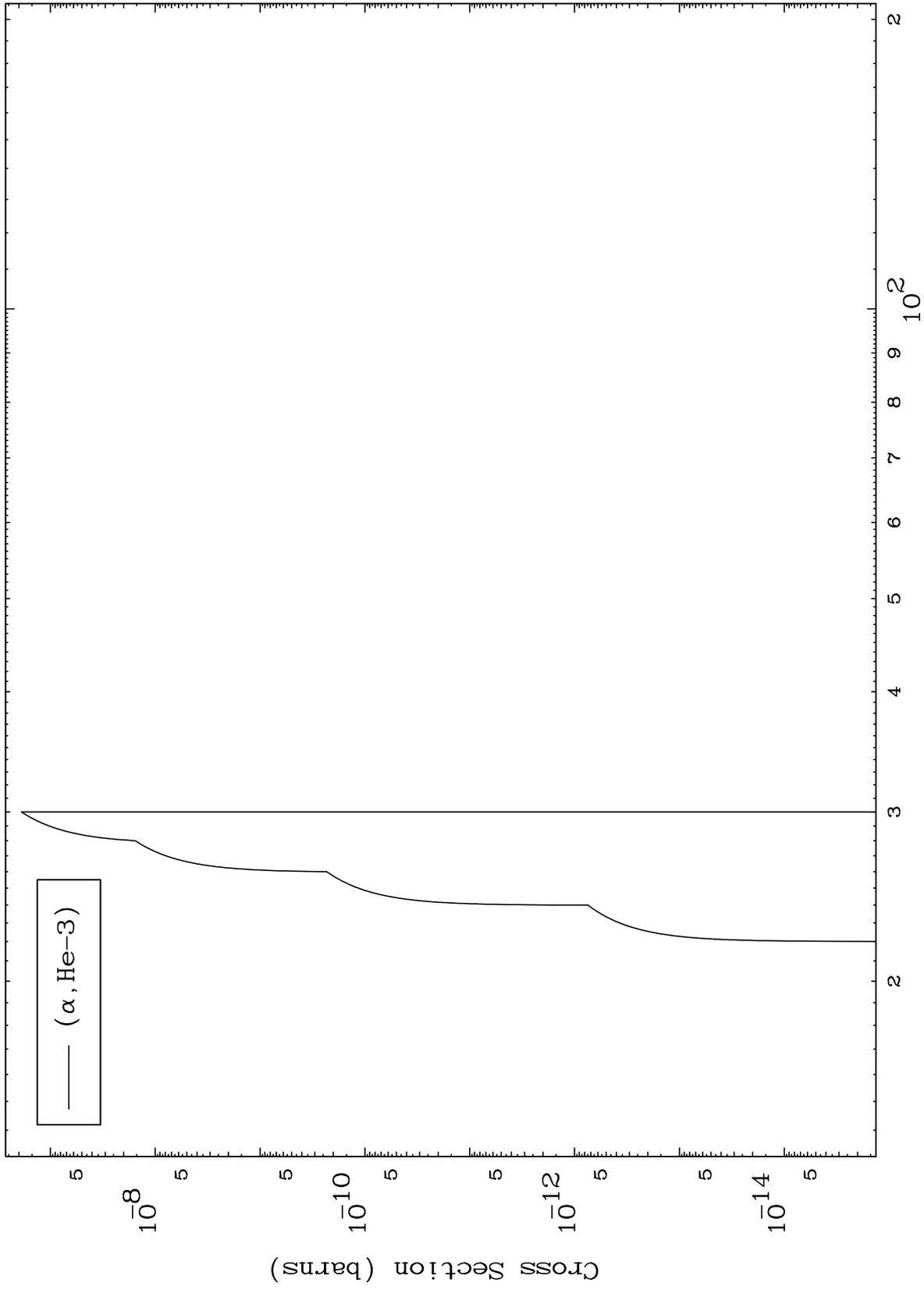
6

Incident Energy (MeV)

75-Re-188



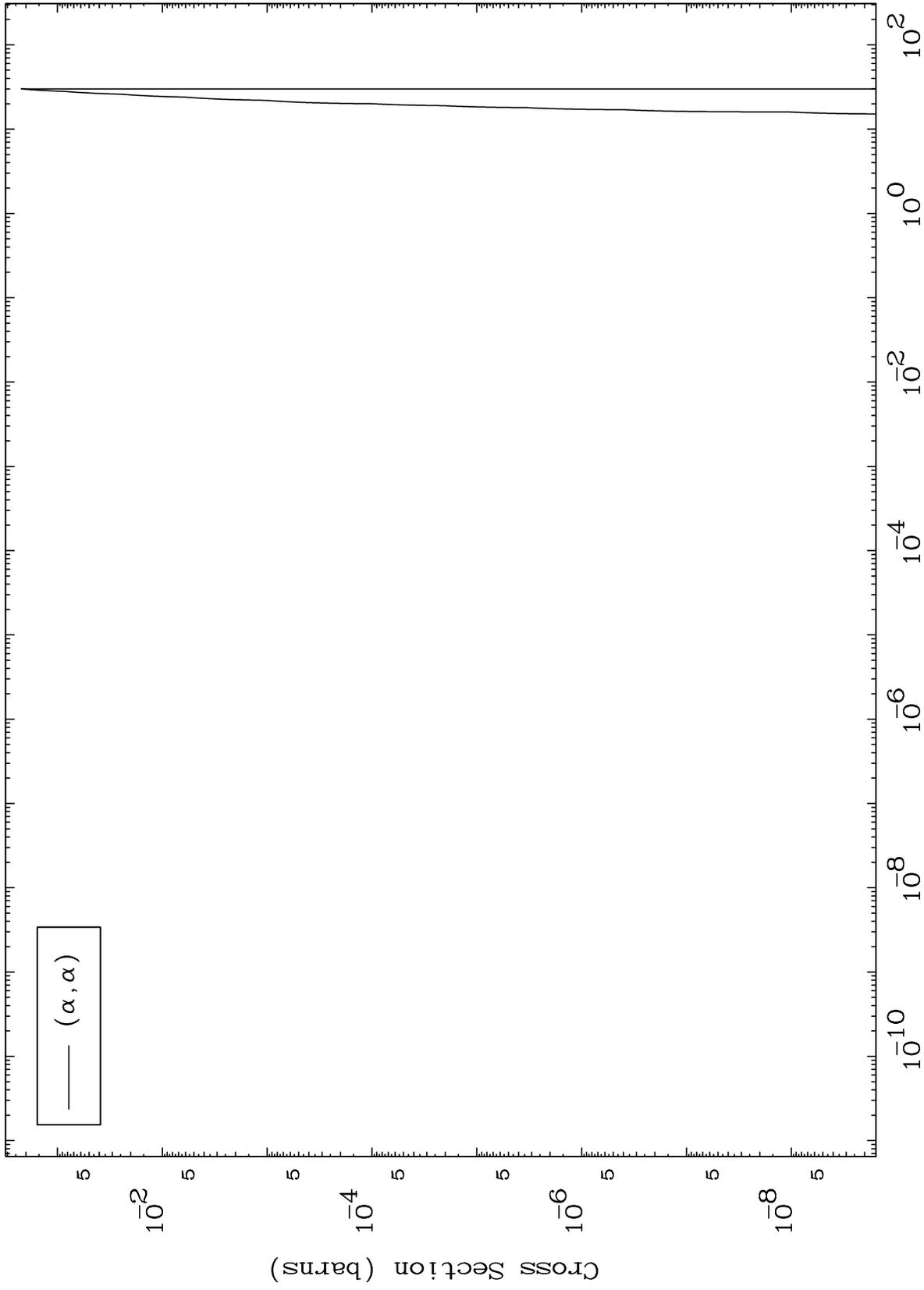




MAT 7535

(α, α) Levels
0 Kelvin Cross Sections

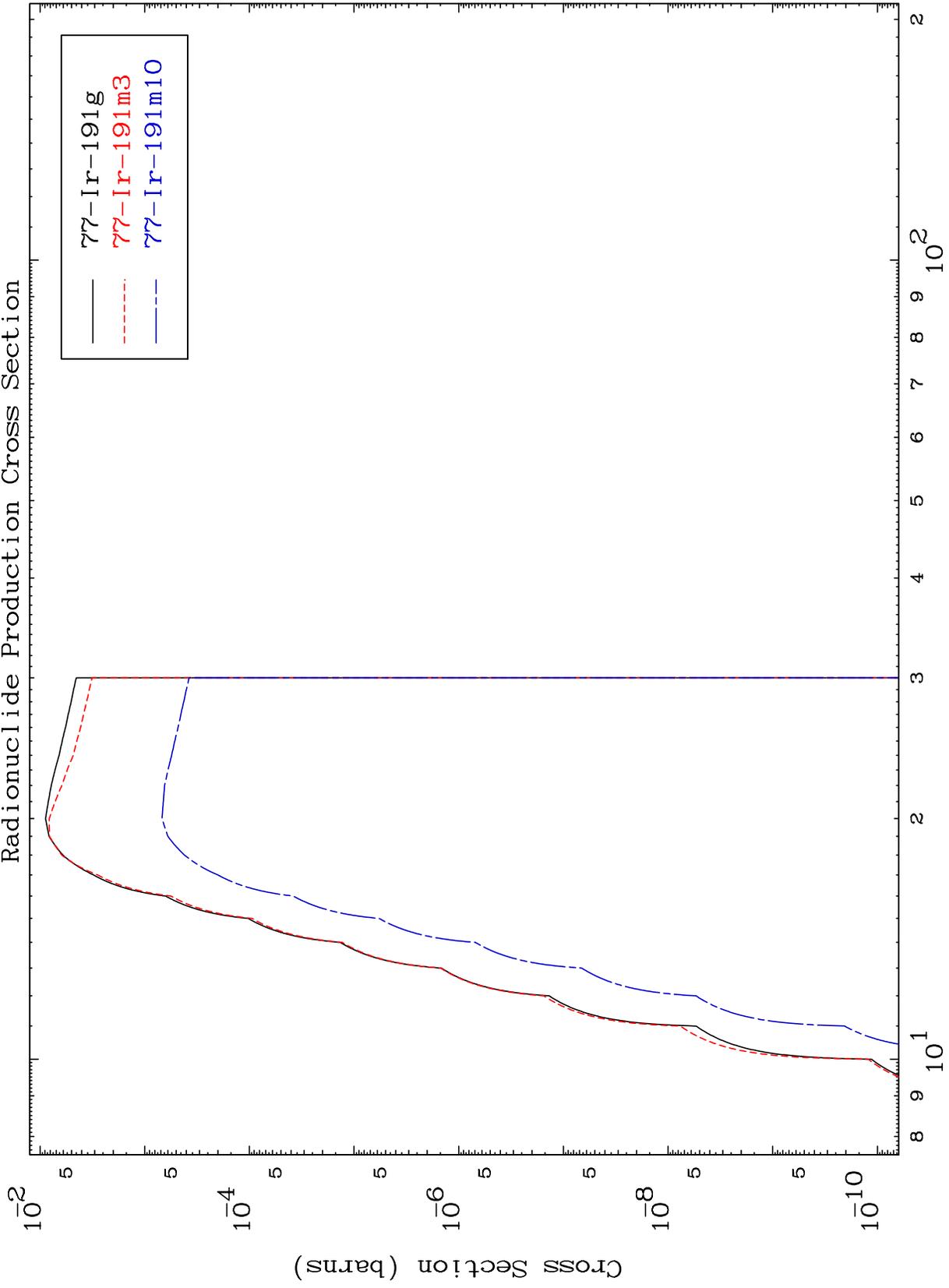
75-Re-188



10

Incident Energy (MeV)

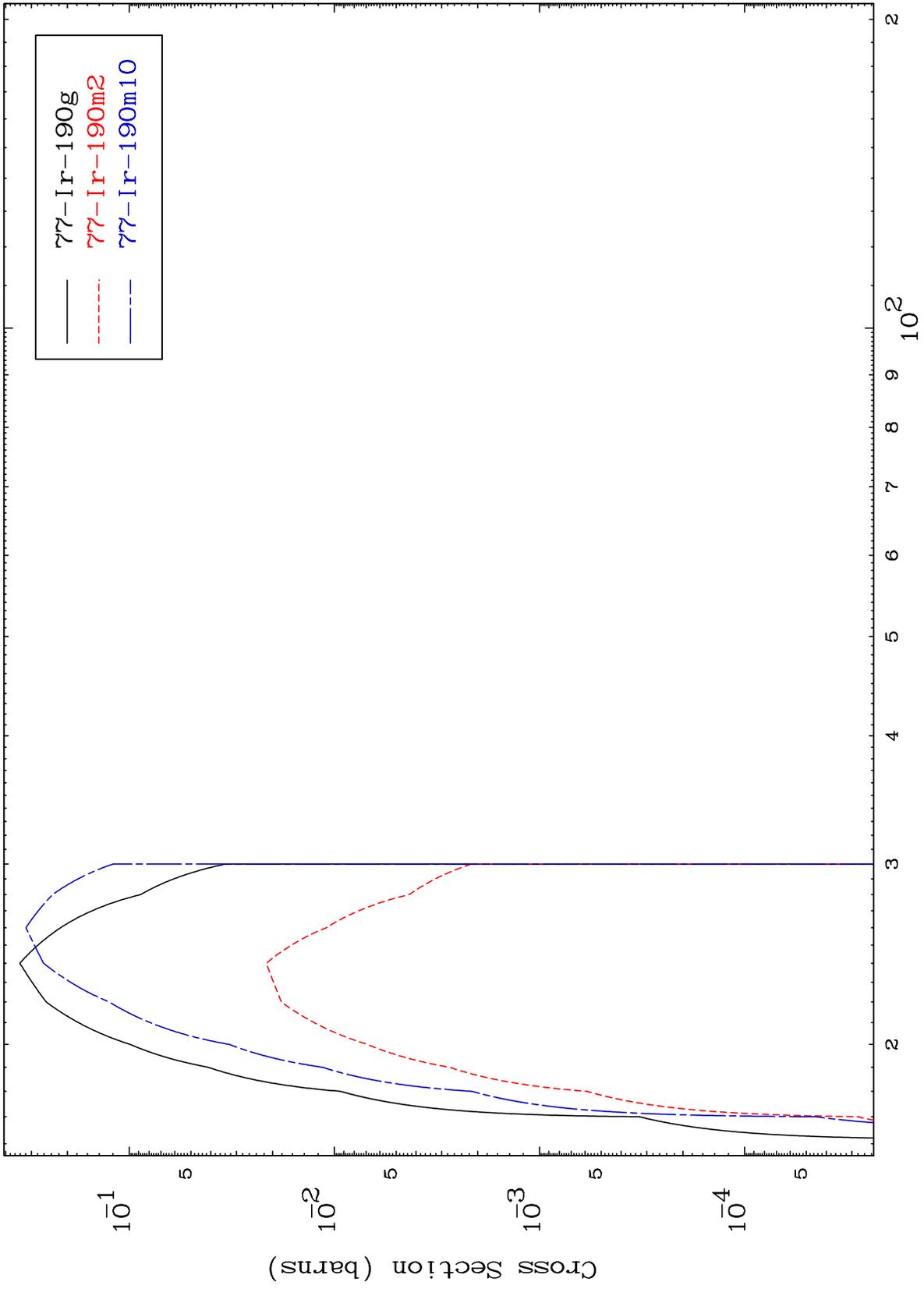
75-Re-188



MAT 7535

75-Re-188

Radionuclide Production Cross Section
($\alpha, 2n$)



12

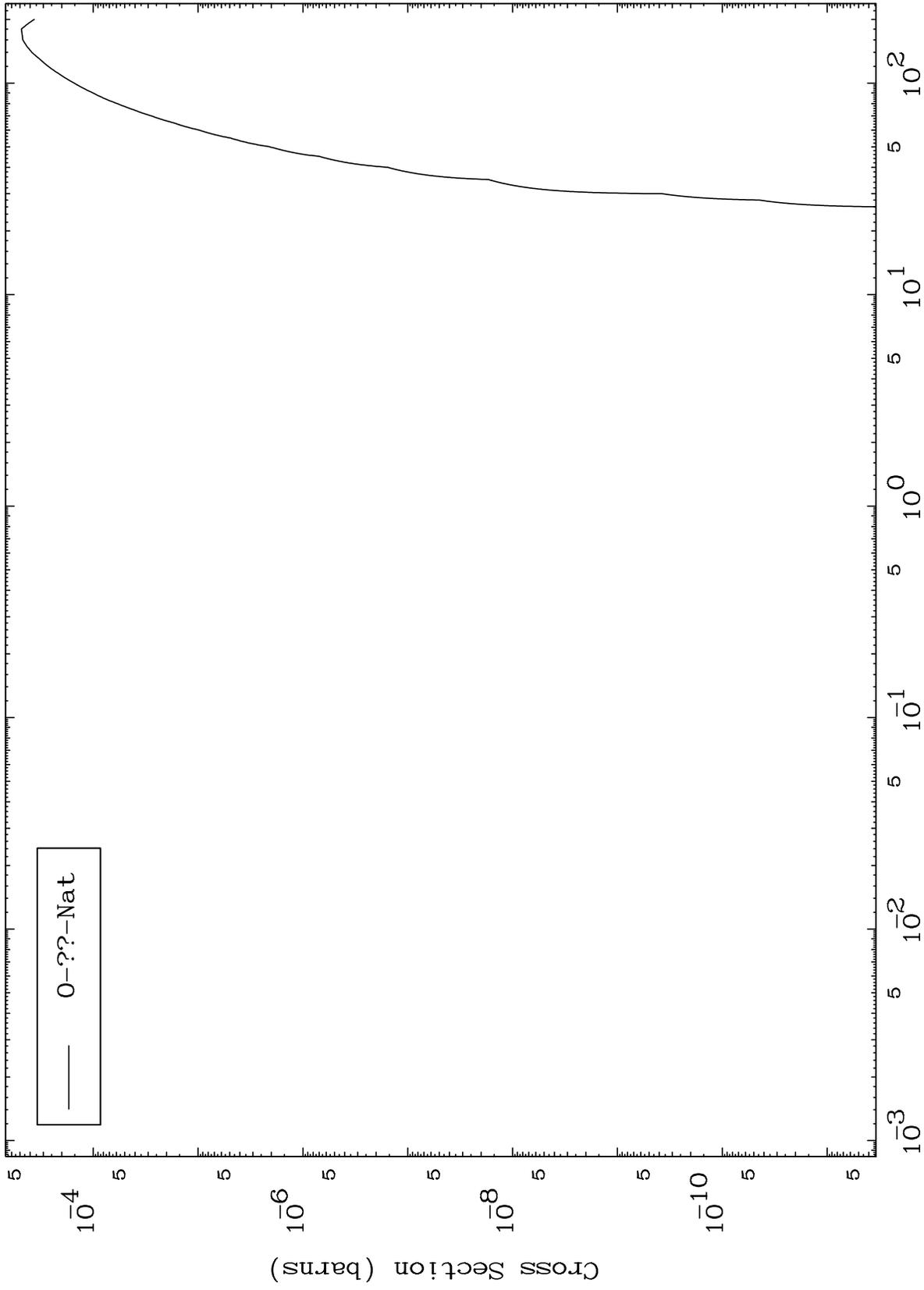
Incident Energy (MeV)

75-Re-188

MAT 7535

α Fission
Radionuclide Production Cross Section

75-Re-188



13

Incident Energy (MeV)

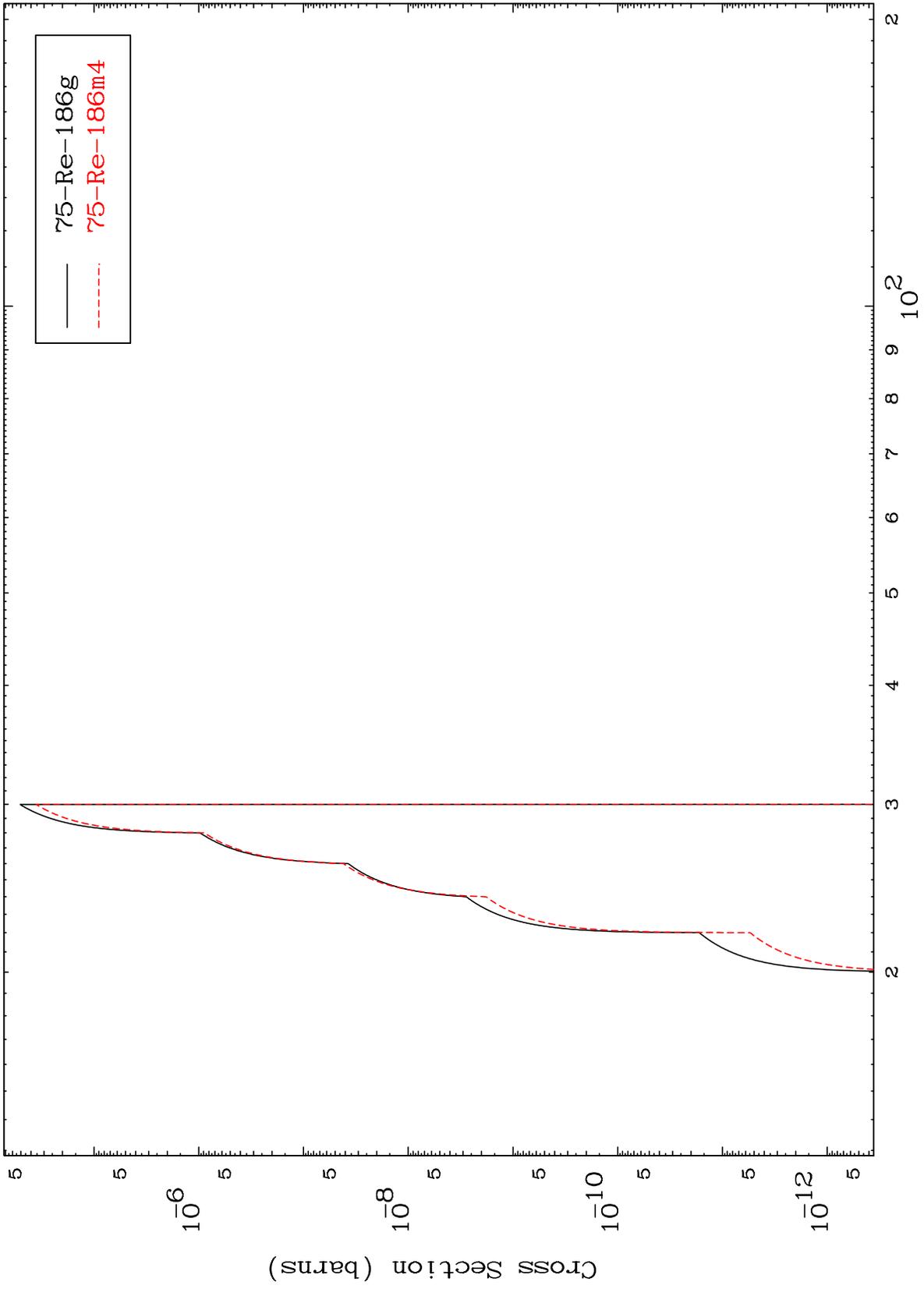
75-Re-188

MAT 7535

$(\alpha, 2n) \alpha$

⁷⁵Re-¹⁸⁸

Radionuclide Production Cross Section



14

Incident Energy (MeV)

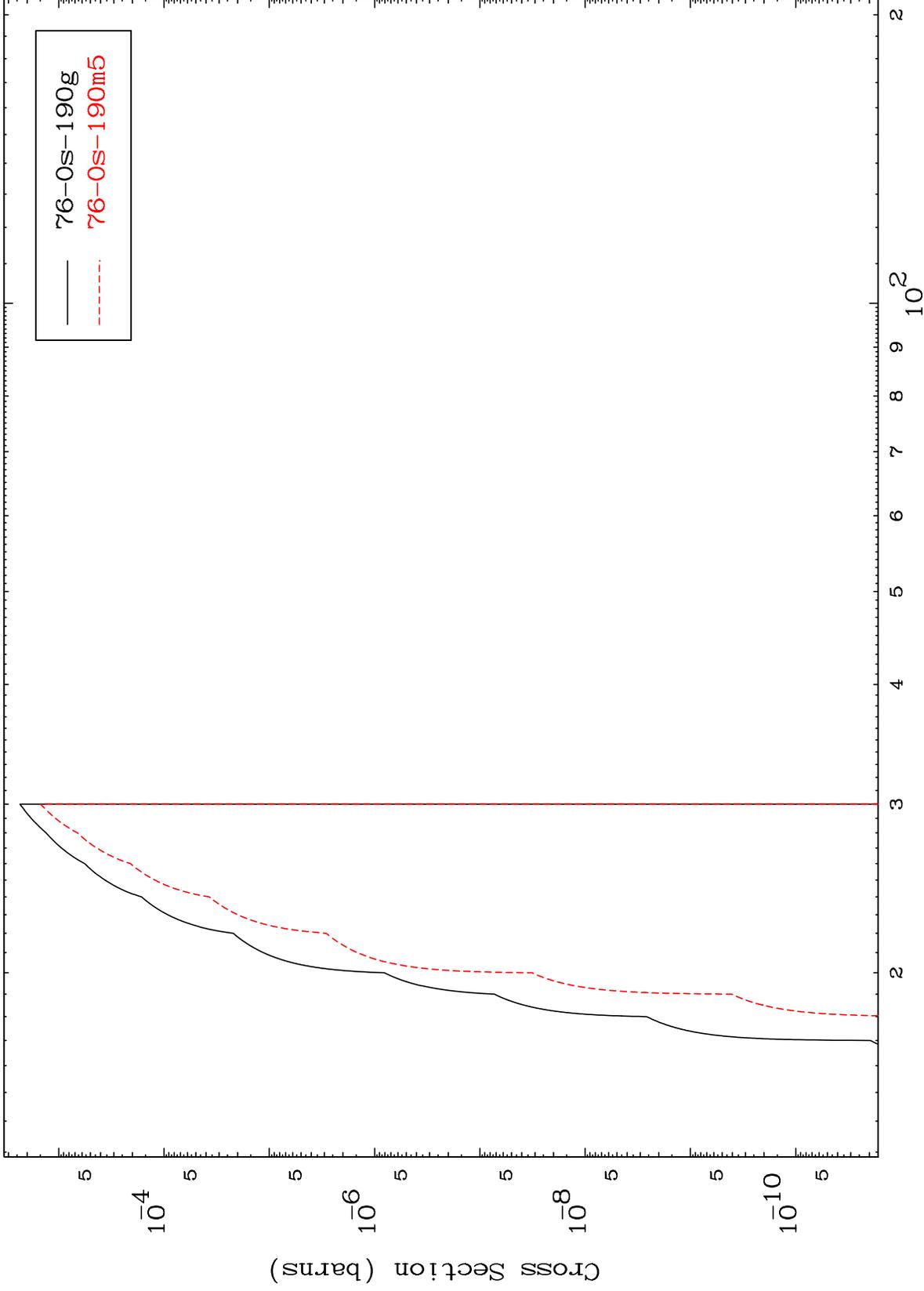
⁷⁵Re-¹⁸⁸

MAT 7535

(α, n') p

75-Re-188

Radionuclide Production Cross Section



15

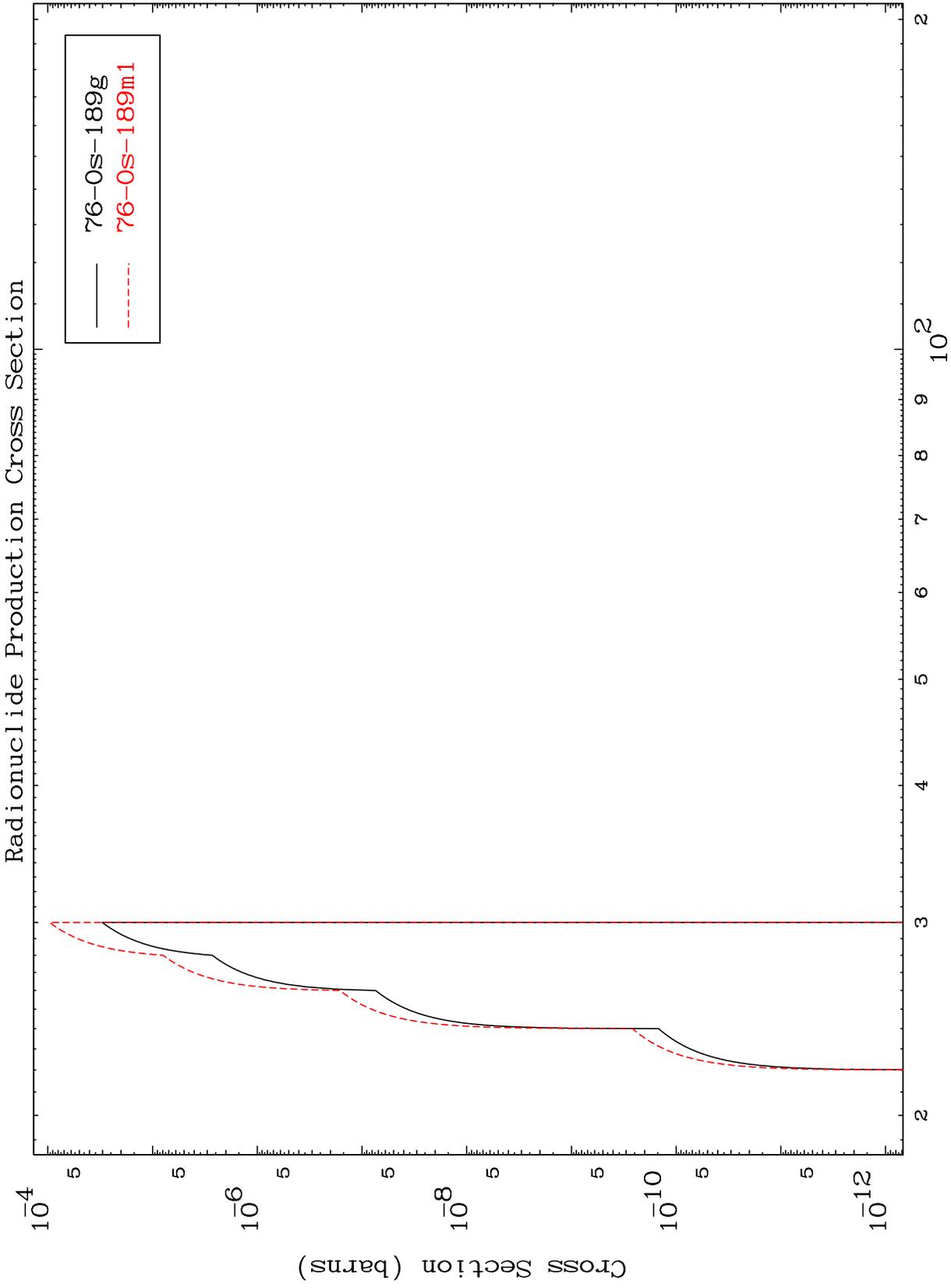
Incident Energy (MeV)

75-Re-188

MAT 7535

(α, n') d

75-Re-188



16

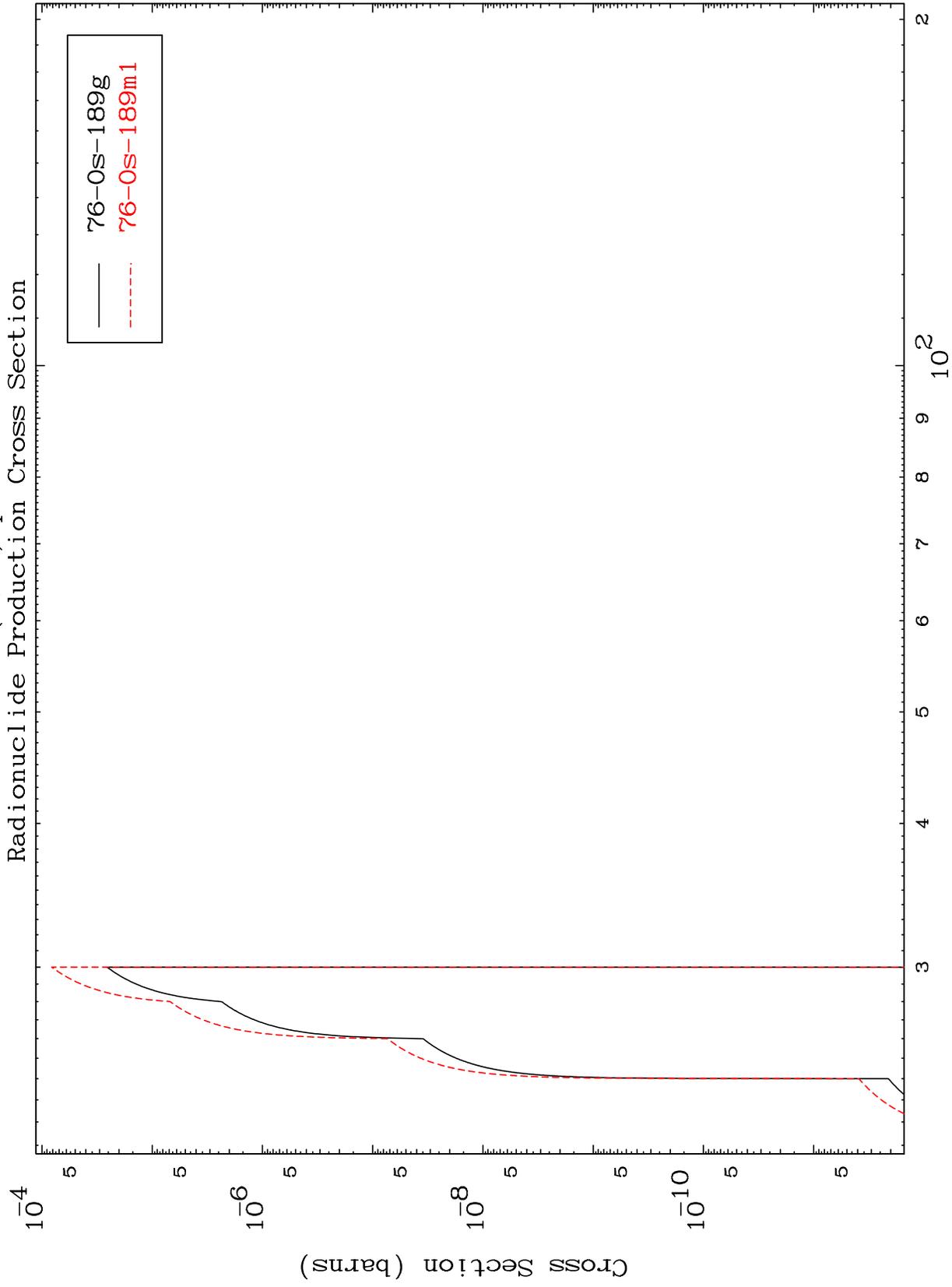
Incident Energy (MeV)

75-Re-188

MAT 7535

($\alpha, 2n$) p

75-Re-188



17

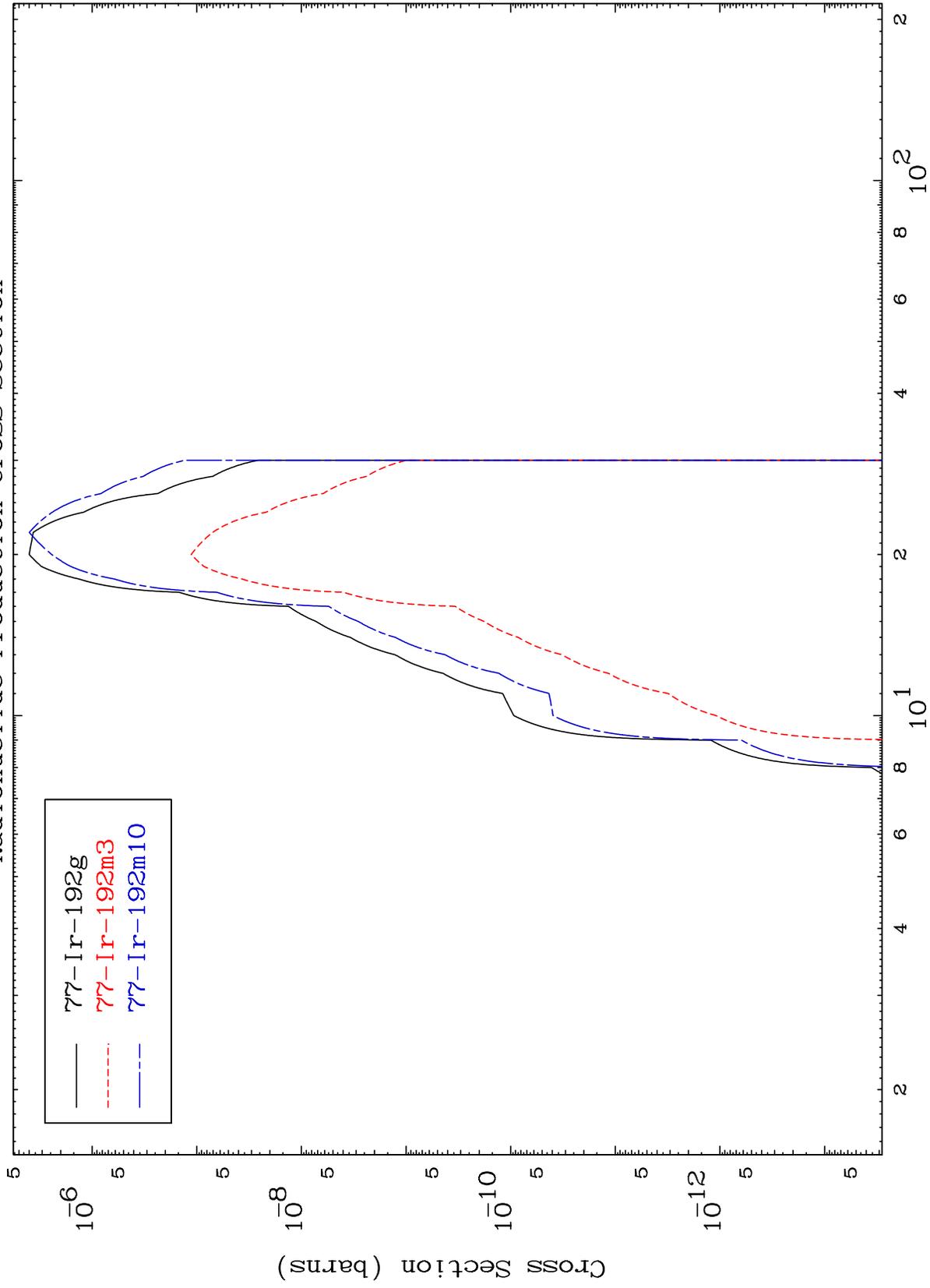
Incident Energy (MeV)

75-Re-188

MAT 7535

75-Re-188

(α, γ)
Radionuclide Production Cross Section



18

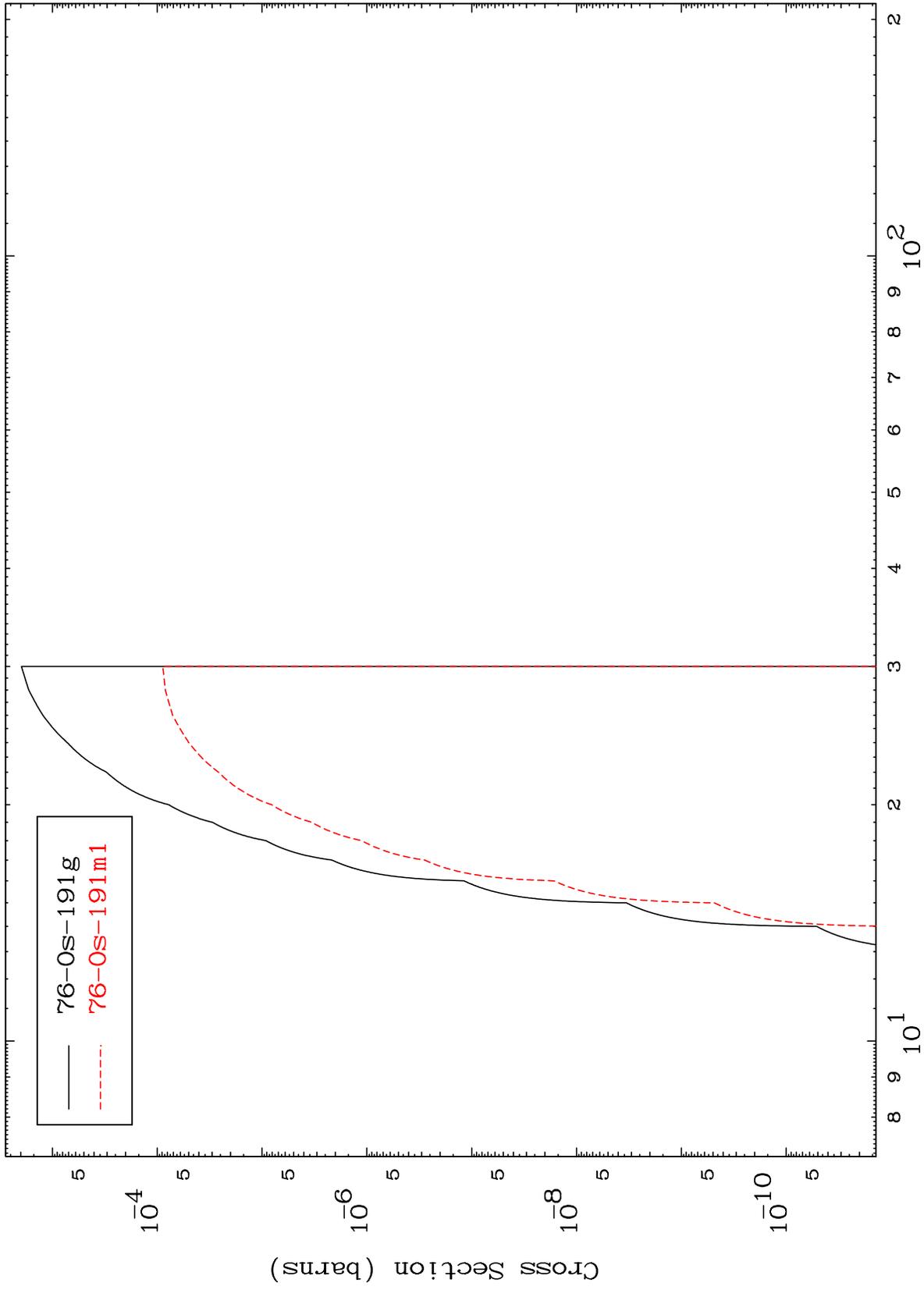
Incident Energy (MeV)

75-Re-188

MAT 7535

75-Re-188

(α, p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

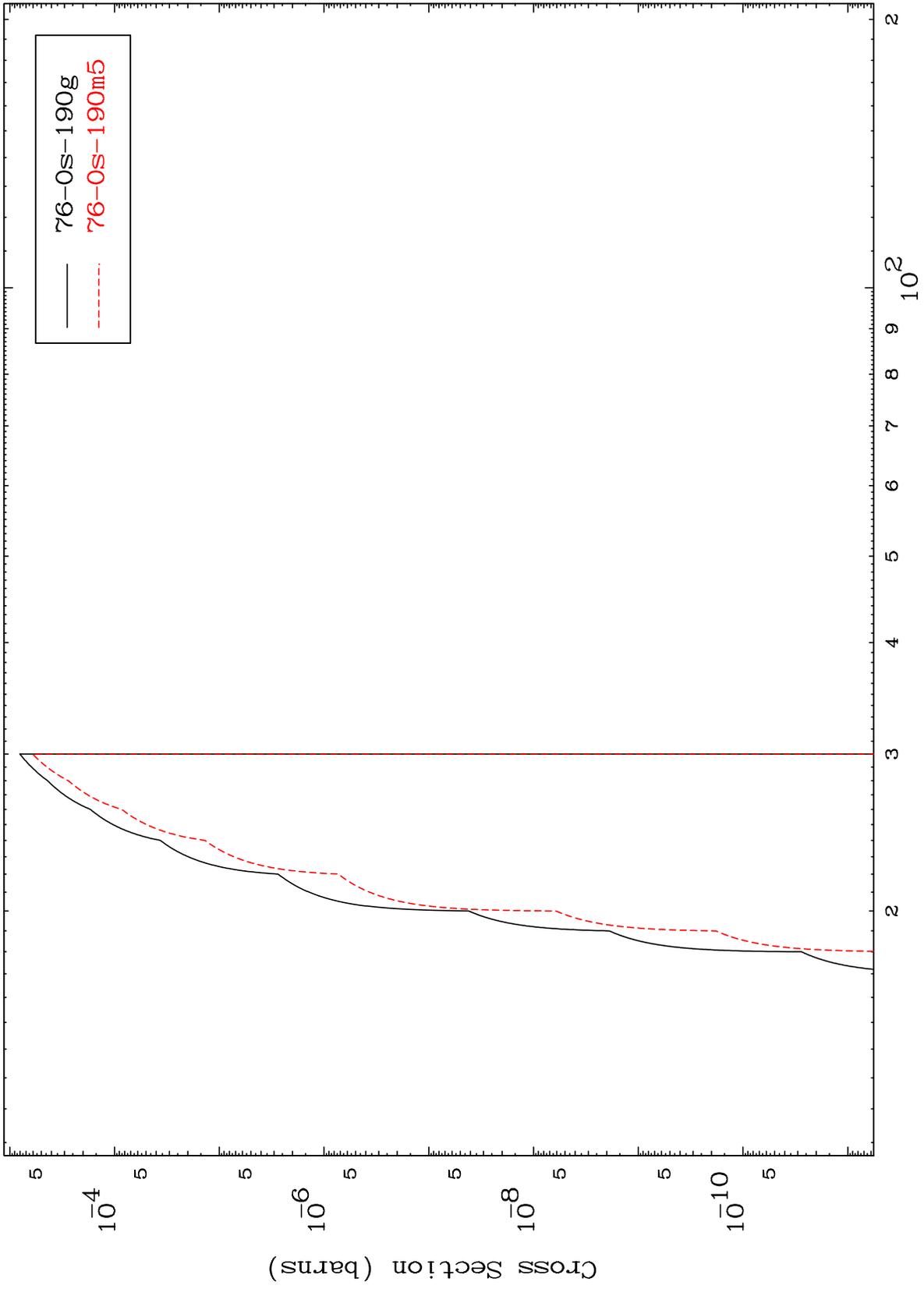
75-Re-188

MAT 7535

(α, d)

75-Re-188

Radionuclide Production Cross Section



20

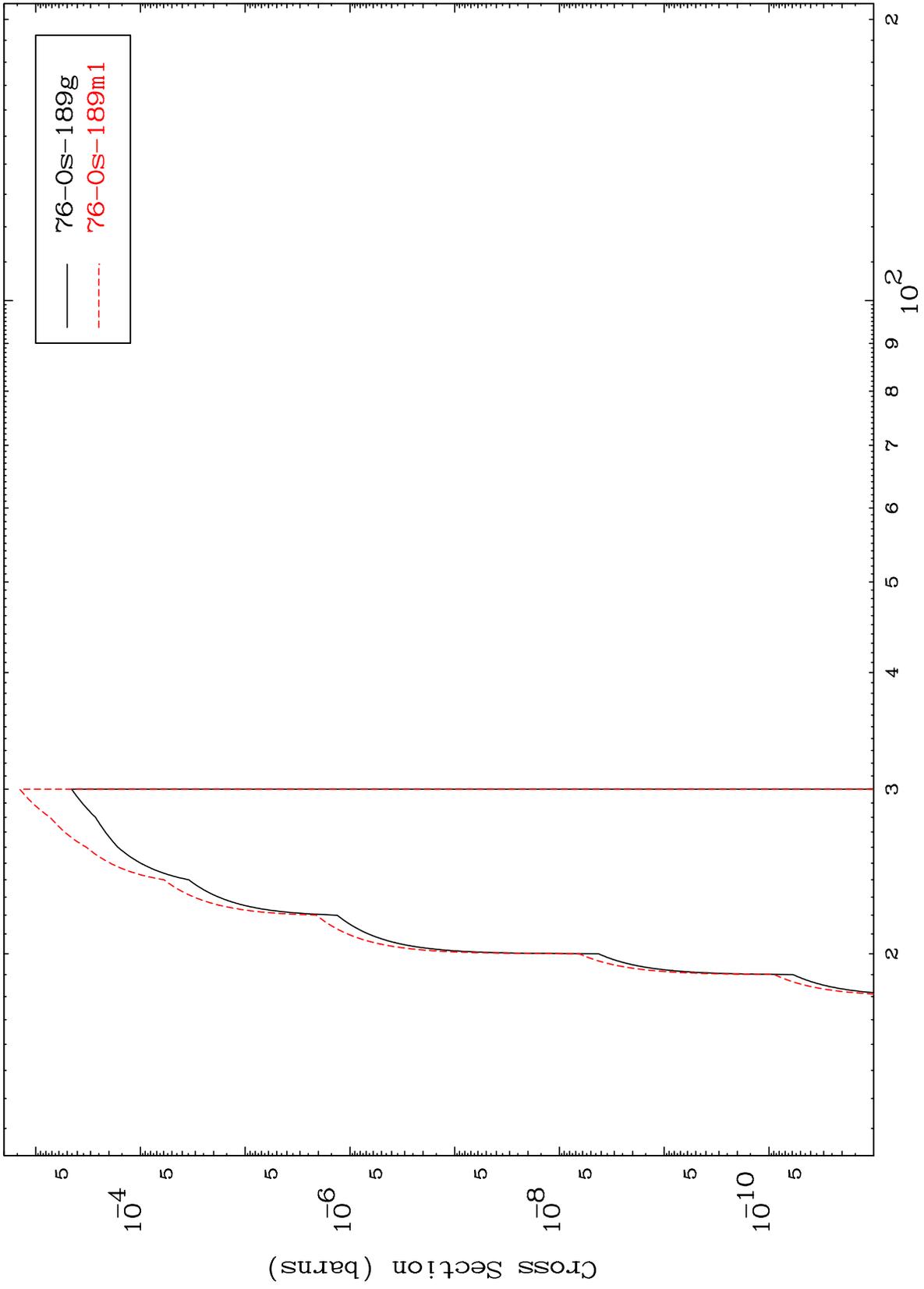
Incident Energy (MeV)

75-Re-188

MAT 7535

75-Re-188

(α, t)
Radionuclide Production Cross Section



21

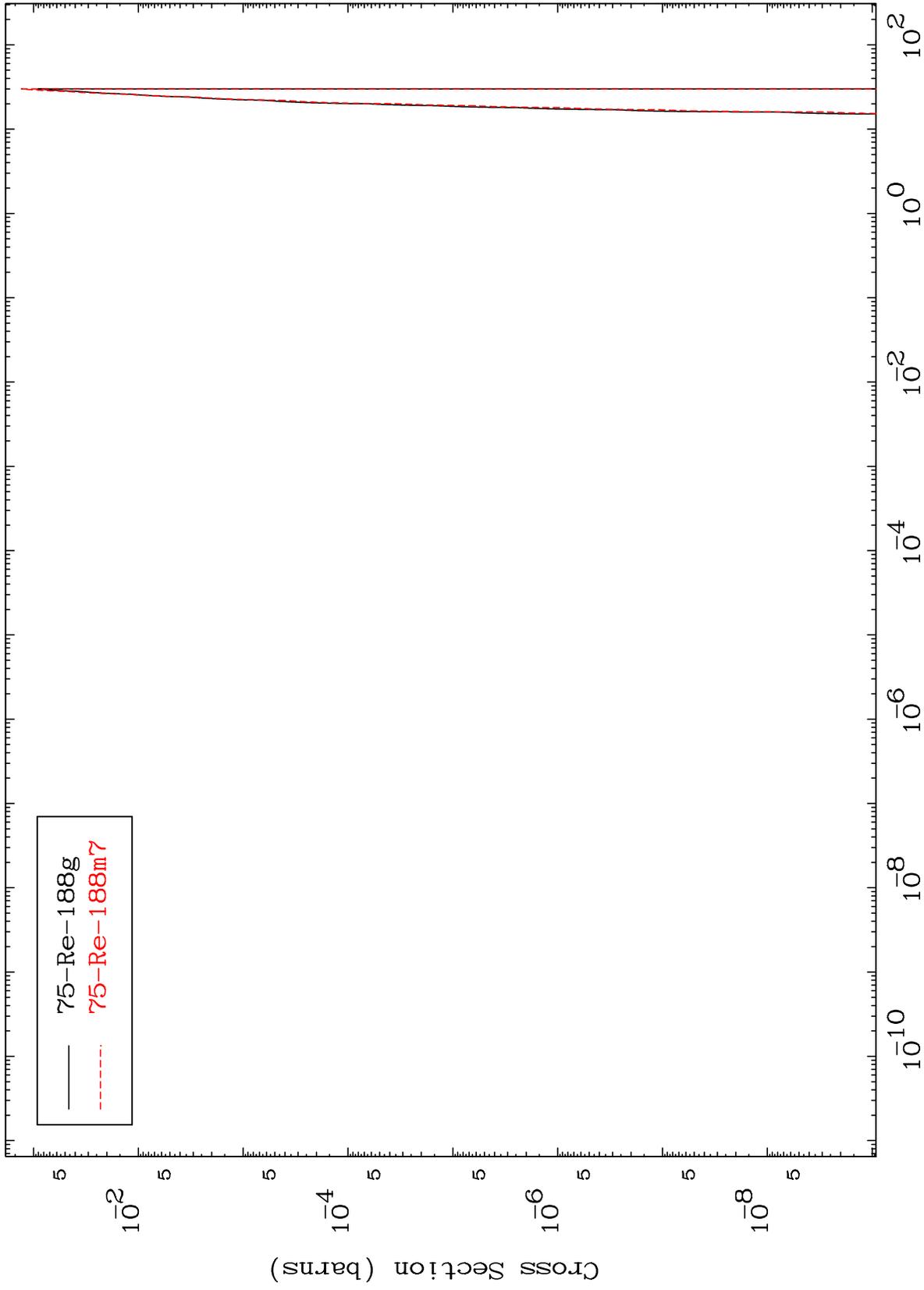
75-Re-188

MAT 7535

(α, α)

⁷⁵Re-188

Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁷⁵Re-188